INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

Applicant: J. Rine and M. Ashby   Attorney Docket No. UOCB118456

Title: SYSTEM FOR GENERATING AND ANALYZING STIMULUS-RESPONSE OUTPUT SIGNAL MATRICES

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
	U1	4,981,784		1/1991	Evans et al.
	U2	5,119,307		6/1992	Blaha et al.
	U3	5,129,009		7/1992	Lebeau
	U4	5,214,745		5/1993	Sutherland
	U5	5,216,612		6/1993	Cornett et al.
	U6	5,251,268		10/1993	Colley et al.
	U7	5,253,164		10/1993	Holloway et al.
	U8	5,307,261		4/1994	Mahi et al.
	U9	5,315,509		5/1994	Natarajan
	U10	5,339,247		8/1994	Kirihava et al.
	U11	5,378,603		1/1995	Brown et al.
	U12	5,418,728		5/1995	Yada
	U13	5,434,791		7/1995	Koko et al.
	U14	5,445,934		8/1995	Fodor et al.
	U15	5,569,588		10/1996	Ashby et al.
	U16	5,777,888		7/1998	Rine et al.
	U17	5,840,484		11/1998	Seilhamer et al.

John Bruss 30 December 2003

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FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided
[initials]	F1	WO 89/11548		11/1989	WIPO		
[initials]	F2	2220780		1/1990	United Kingdom		
[initials]	F3	WO 92/05286		9/1990	WIPO		
[initials]	F4	WO 90/15869		12/1990	PCT		
[initials]	F5	WO 94/17208		8/1994	PCT		

OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
[initials]	O1	Abstract of Perriere G. and C. Gautier, "ColiGene: Object-Centered representation for the study of *E. coli* gene expressivity by Sequence analysis," *Biochimie 75(5)*:415-422, 1993.
[initials]	O2	Abstract of Waters, M.D. et al., "The Genetic Activity Profile Database," *Environmental Health Perspectives, 96*:41-45, 12/1991.
[initials]	O3	Fields S. et al., "The Two-Hybrid System: An Assay for Protein-Protein Interactions," *TIG, 10(8)*:286-292, 8/1994.
[initials]	O4	Goldman et al., *New England Journal of Medicine, 318*:797-803, 1988.
[initials]	O5	Heguy, A. et al., "Gene Expression as a Target for New Drug Discovery," *Gene Expression, 4*:337-344, 1995.

Examiner _[signature] JS. Brusin_   Date Considered _30 December 2003_

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1st SUPPLEMENTAL INFORMATION CITED BY APPLICANTS THAT MAY BE
MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

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Applicants:	J. Rine and M. Ashby	Attorney Docket No. UOCB118456
Application No.:	10/038,206	Group Art Unit: 1631
Filed:	January 2, 2002	
Title:	SYSTEMS FOR GENERATING AND ANALYZING STIMULUS-RESPONSE OUTPUT SIGNAL MATRICES	

U.S. PATENT DOCUMENTS

None

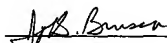### FOREIGN PATENT DOCUMENTS

None

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(Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner   Date Considered

J.B. Brunson   _30 December 2003_

*Examiner: Initial if reference considered, whether or not citation is in conformance with
M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include
copy of this form with next communication to applicant.
BFM:jlj

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2nd SUPPLEMENTAL INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

Applicants:	J. Rine et al.	Attorney Docket No. UOCB118456
Application No.:	10/038,206	Group Art Unit: 1631
Filed:	January 2, 2002	
Title:	SYSTEMS FOR GENERATING AND ANALYZING STIMULUS-RESPONSE OUTPUT SIGNAL MATRICES	

U.S. PATENT DOCUMENTS

None

FOREIGN PATENT DOCUMENTS

None

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(Including Author, Title, Date, Pertinent Pages, Etc.)

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(initials)	O7	Barton, P.J., "Detection of Myosin Gene Expression in the Developing Heart Using Probes Derived by Polymerase Chain Reaction," *Int. J. Cardiol.* 30:116-118, 1991.
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(initials)	O9	Fodor, S.P.A., et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," *Science 251*:767-772, 1991.
(initials)	O10	Guo, Z., et al., "Direct Fluorescence Analysis of Genetic Polymorphisms by Hybridization with Oligonucleotide Arrays on Glass Supports," *Nucl. Acids Res. 22(24)*:5456-5465, 1994.
(initials)	O11	Larin, Z., et al., "Fluorescence *In Situ* Hybridisation of Multiple Probes on a Single Microscope Slide," *Nucl. Acids Res. 22*:3689-3692, 1994.

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O13   Matson, R.S., et al., "Biopolymer Synthesis on Polypropylene Supports: Oligonucleotide Arrays," *Anal. Biochem. 224*:110-116, 1995.

O14   Southern, E.M., et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation Using Experimental Models," *Genomics 13*:1008-1017, 1992.

O15   Southern, E.M., et al., "DNA Fingerprinting by Hybridisation to Oligonucleotide Arrays," *Electrophoresis 16*:1539-1542, 1995.

O16   Wiesner, R.J., and R. Zak, "Quantitative Approaches for Studying Gene Expression," *Am. J. Physiol. 260*(4.1):L179, 1991.

Examiner   Date Considered

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